

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

ADELAIDEINDUSTRIAL ACCIDENTS 1961-62SOUTH AUSTRALIACONTENTS

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INDUSTRIAL ACCIDENTSSOUTH AUSTRALIA1961-62

This bulletin is the first published by this Bureau on Industrial Accidents in South Australia and covers the first year in which the basic information has been obtained. Thus the collection is still in a formative stage and some improvement in the statistics may be possible when further developmental work is done. However, many problems have already been resolved and the figures here presented may be regarded as providing a reliable general guide within the broad classifications shown in the tables.

SCOPE AND COVERAGE The statistics contained in this bulletin have been compiled from reports of Workers' Compensation claims closed during the year ended 30th June 1962 and of unclosed claims of three years' duration at 30th June 1962 submitted by Insurance Companies, self-insurers, and State Government Departments, through the State Department of Labour and Industry.

Only persons within the coverage of the South Australian Workers' Compensation Act are included. Notable exclusions are self-employed persons, employees receiving wages and salaries exceeding an average of £45 per week, and all Commonwealth Government officers and employees. Thus some industry classifications (e.g. Defence Services and Communications) are not covered at all while coverage is reduced in other industries, particularly in Retail Trade and rural industries. Fishing industry coverage is reduced by exclusion of self-employed persons and crew members remunerated by share of proceeds.

DEFINITIONS INDUSTRIAL ACCIDENT: For the purpose of this collection the following definition has been applied: "An Industrial Accident is a compensated work injury causing death, permanent disability, or absence of the injured person from work for seven days or more, excluding journey cases, cases occurring during a recess period, and disease cases."

Note: "Seven days" has been interpreted as "one week of seven calendar days or five working days".

INDUSTRY: The 1961 Census classification of Industries has been used.

ACCIDENT FACTOR: In general, an accident factor may be regarded as "That underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident".

"Accident Factor" should not be interpreted as "Cause of Accident".

A detailed list of "Accident Factors" is given in Table 7.

GENERAL COMMENT These statistics relate to claims closed, or regarded statistically as closed, during the year ended 30th June 1962. A tabulation of accidents by date or year of occurrence might be desirable. However, on the present basis of collection, figures in that form could not be released for at least three years after collection. In any case, investigations indicate that the present statistics provide a reasonable picture of accidents occurring, within the scope of the collection, during the year covered, or in other words these enquiries suggest that claims closed during a year will roughly equal claims lodged during that year.

The following tables are brief summaries of detailed tabulations held in this office. In addition other tabulations have been made which have not been summarised for presentation in this bulletin. Information contained in a classification of accidents by Occupation, and in some of the detailed tables, will be made available on application to this Bureau or to the State Department of Labour and Industry.

No attempt has been made to calculate frequency or severity rates.

Because some figures have been rounded the individual figures may not add to the stated totals.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1961-62

Industry	TOTAL PERSONS									
	Fatal	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid			(a)
		Number	Non-Fatal	Per Cent	Total	Average per Accident	Fatal	Non-Fatal	Total	
Primary Production	2	792	8.8	8.8	3,069	3.9	0.7	63.4	64.1	80
Mining and Quarrying	1	124	1.4	1.4	917	7.4	0.2	34.4	34.6	277
Manufacturing	8	3,858	43.0	43.0	15,661	4.1	21.3	398.9	420.2	103
Manufacturing includes -			%	Weeks	Weeks	£'000	£'000	£'000	£	
Relating to cement, bricks, glass, and stone	-	272	3.0	1,210	4.4	-	30.1	30.1	111	
Foundry, engineering, and metal working	2	1,366	15.2	4,836	3.5	4.1	134.4	138.5	98	
Ships, vehicles, parts and accessories	3	657	7.3	3,598	5.5	6.0	81.7	87.7	124	
Food, drink, and tobacco	1	577	6.4	2,000	3.5	1.8	44.3	46.1	77	
Sawmilling and wood products (excl. furniture)	1	403	4.5	1,532	3.8	3.6	46.1	49.7	114	
Electricity, Gas, Water, and Sanitary Services	-	453	5.0	1,763	3.9	-	42.5	42.5	94	
Building and Construction	3	1,486	16.6	6,508	4.4	6.9	160.9	167.8	108	
Transport and Storage	2	890	9.9	4,123	4.6	3.4	83.9	87.3	94	
Finance and Property	-	31	0.4	202	6.5	-	3.4	3.4	110	
Commerce	3	823	9.2	3,010	3.7	9.9	65.7	75.6	80	
Public Authority (n.e.i.), Community and Business Services	-	252	2.8	1,344	5.3	-	29.7	29.7	118	
Amusement, Hotels, Accommodation, Cafes, Etc.	1	255	2.8	1,164	4.6	0.2	21.6	21.8	85	
Other and inadequately described or not stated	-	7	0.1	21	3.0	-	0.3	0.3	49	
Total	20	8,971	100.0	31,782	4.2	42.5	904.8	947.3	101	

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1961-62 (continued)

MALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid			(a)	
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total		
		Number	Per Cent							
Primary Production	2	775	9.4	3,014	3.9	0.7	62.4	63.1	80	
Mining and Quarrying	1	123	1.5	913	7.4	0.2	34.0	34.2	277	
Manufacturing	8	3,566	43.3	14,452	4.1	21.3	373.7	395.0	105	
Manufacturing includes -			%	Weeks	Weeks	£'000	£'000	£'000	£	
Relating to cement, bricks, glass, and stone	-	268	3.2	1,182	4.4	-	29.3	29.3	109	
Founding, engineering, and metal working	2	1,278	15.5	4,514	3.5	4.1	125.6	129.7	98	
Ships, vehicles, parts and accessories	3	652	7.9	3,571	5.5	6.0	81.2	87.2	125	
Food, drink, and tobacco	1	489	5.9	1,581	3.2	1.8	35.2	37.0	72	
Sawmilling and wood products (excl. furniture)	1	391	4.8	1,507	3.9	3.6	45.8	49.4	117	
Electricity, Gas, Water, and Sanitary Services	-	452	5.5	1,762	3.9	-	42.4	42.4	94	
Building and Construction	3	1,483	18.0	6,502	4.4	6.9	160.8	167.7	109	
Transport and Storage	2	881	10.7	4,068	4.6	3.4	83.2	86.6	94	
Finance and Property	-	24	0.3	125	5.2	-	2.7	2.7	111	
Commerce	3	685	8.3	2,561	3.7	9.9	59.3	69.2	87	
Public Authority (n.e.i.), Community and Business Services	-	114	1.4	542	4.8	-	15.9	15.9	140	
Amusement, Hotels, Accommodation, Cafes, Etc.	1	129	1.6	639	5.0	0.2	15.0	15.2	116	
Other and inadequately described or not stated	-	7	0.1	21	3.0	-	0.3	0.3	49	
Total	20	8,239	100.0	34,599	4.2	42.5	849.9	892.4	103	

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1961-62 (continued)

FEMALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid			(a)
	Fatal	Non-Fatal	Number	Per Cent	Total	Average per Accident	Fatal	Non-Fatal	Total
Primary Production	-	17	2.3	55	3.3	-	1.0	1.0	60
Mining and Quarrying	-	1	0.1	4	4.4	-	0.4	0.4	365
Manufacturing	-	292	39.9	1,209	4.1	-	25.2	25.2	86
Manufacturing includes -									
Relating to cement, bricks, glass, and stone	-	4	0.6	28	7.1	-	0.9	0.9	220
Founding, engineering, and metal working	-	88	12.0	322	3.7	-	8.9	8.9	101
Ships, vehicles, parts and accessories	-	5	0.7	27	5.5	-	0.5	0.5	104
Food, drink, and tobacco	-	88	12.0	419	4.8	-	9.1	9.1	103
Sawmilling and wood products (excl. furniture)	-	12	1.6	25	2.1	-	0.3	0.3	26
Electricity, Gas, Water, and Sanitary Services	-	1	0.1	1	1.2	-	(b)	(b)	12
Building and Construction	-	3	0.4	6	1.9	-	0.1	0.1	24
Transport and Storage	-	9	1.2	56	6.2	-	0.7	0.7	77
Finance and Property	-	7	1.0	76	10.9	-	0.8	0.8	110
Commerce	-	138	18.9	448	3.2	-	6.4	6.4	46
Public Authority (n.e.i.), Community and Business Services	-	138	18.9	802	5.8	-	13.8	13.8	100
Amusement, Hotels, Accommodation, Cafes, Etc.	-	126	17.2	525	4.2	-	6.7	6.7	53
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-
Total	-	732	100.0	3,183	4.3	-	55.0	55.0	75

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

(b) Less than £50.

TABLE 2 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1961-62

MALES

Industry	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Slipping, Stepping on, Etc.		Handling, Moving or Falling Objects		Hand Tools		Miscellaneous		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary Production	-	71	-	62	1	18	-	2	-	148	-	40	-	228	-	96	1	110	2	775
Mining and Quarrying	-	13	-	12	-	4	-	1	-	18	-	5	1	53	-	12	-	5	1	123
Manufacturing	-	525	2	74	1	145	-	33	3	550	-	222	1	1,624	1	306	-	87	8	3,566
Manufacturing includes -																				
Relating to cement, bricks, glass, and stone	-	25	-	9	-	6	-	4	-	47	-	18	-	134	-	19	-	6	-	268
Foundry, engineering, and metal working	-	204	1	12	-	84	-	11	1	140	-	76	-	620	-	106	-	25	2	1,278
Ships, vehicles, parts and accessories	-	71	-	21	1	24	-	2	1	117	-	46	-	282	1	73	-	16	3	652
Food, drink, and tobacco	-	53	-	14	-	10	-	6	1	100	-	29	-	229	-	34	-	14	1	489
Sawmilling and wood products (excl. furniture)	-	81	1	7	-	6	-	-	-	62	-	24	-	169	-	31	-	11	1	391
Electricity, Gas, Water, and Sanitary Services	-	33	-	15	-	18	-	-	-	100	-	18	-	205	-	47	-	16	-	452
Building and Construction	-	77	1	87	-	21	-	12	1	355	-	80	1	654	-	154	-	43	3	1,483
Transport and Storage	-	40	2	65	-	11	-	3	-	233	-	42	-	410	-	44	-	33	2	881
Finance and Property	-	-	-	6	-	-	-	-	-	4	-	1	-	8	-	3	-	2	-	24
Commerce	-	41	2	43	1	14	-	-	-	167	-	26	-	317	-	51	-	26	3	685
Public Authority (n.e.i.) and Community and Business Services	-	4	-	17	-	4	-	2	-	20	-	8	-	33	-	9	-	17	-	114
Amusement, Hotels, Accommodation, Cafes, Etc.	-	5	-	4	-	5	-	1	1	32	-	7	-	53	-	15	-	7	1	129
Other and inadequately described or not stated	-	1	-	-	-	-	-	-	-	3	-	-	-	1	-	1	-	1	-	7
Total : Number	-	810	7	385	3	240	-	54	5	1,630	-	449	3	3,586	1	738	1	347	20	8,239
Per Cent		9.8		4.7		2.9		0.7		19.8		5.4		43.5		9.0		4.2		100.0

F - Fatal

N F - Non-Fatal

TABLE 2 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1961-62 (continued)

FEMALES

Industry	Machin- ery	Veh- icles	Electricity, Explosions, Etc.		Harmful Sub- stances	Falling, Slipping, Stumbling Etc.	Striking against, Stepping on, Etc.	Handling, Moving or Falling Objects	Hand Tools	Miscell- aneous	Total									
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F		
Primary Production	-	-	-	-	-	3	-	-	5	-	2	-	3	-	2	-	2	-	17	
Mining and Quarrying	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
Manufacturing	-	76	-	6	-	8	-	2	-	58	-	30	-	90	-	14	-	8	-	292
Manufacturing includes -																				
Relating to cement bricks, glass, and stone	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	
Founding, engineering, and metal working	-	20	-	4	-	1	-	-	-	12	-	8	-	38	-	3	-	2	-	88
Ships, vehicles, parts and accessories	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	1	-	1	-	5
Food, drink, and tobacco	-	21	-	-	-	6	-	2	-	25	-	9	-	22	-	2	-	1	-	88
Sawmilling	-	3	-	-	-	-	-	-	-	3	-	-	-	1	-	5	-	-	-	12
Electricity, Gas, Water, and Sanitary Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Building and Construction	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	3
Transport and Storage	-	1	-	1	-	-	-	-	-	2	-	2	-	1	-	1	-	1	-	9
Finance and Property	-	-	-	-	-	-	-	-	-	6	-	-	-	1	-	-	-	-	-	7
Commerce	-	17	-	1	-	6	-	-	-	42	-	17	-	42	-	8	-	5	-	138
Public Authority (n.e.i.) and Community and Business Services	-	4	-	1	-	6	-	-	-	49	-	6	-	50	-	5	-	17	-	138
Amusement, Hotels, Accommodation, Cafes, Etc.	-	10	-	-	-	10	-	-	-	54	-	4	-	33	-	9	-	6	-	126
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total : Number	-	108	-	9	-	34	-	2	-	217	-	62	-	221	-	39	-	40	-	732
Per Cent		14.8		1.2		4.6		0.3		29.6		8.5		30.2		5.3		5.5		100.0

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY, SOUTH AUSTRALIA, 1961-62

MALES

Industry	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary Production	25	26	27	190	116	177	158	53	3	775
Mining and Quarrying	11	3	5	27	10	28	26	13	-	123
Manufacturing	115	105	69	874	410	1,163	441	381	8	3,566
Manufacturing includes -										
Relating to cement, bricks, glass and stone	12	5	11	74	29	65	36	36	-	268
Founding, engineering, and metal working	31	46	26	299	142	436	110	186	2	1,278
Ships, vehicles, parts, and accessories	25	23	10	189	73	176	98	53	5	652
Food, drink, and tobacco	16	9	8	123	63	174	63	33	-	489
Sawmilling and wood prods (excl. furniture)	19	4	4	69	46	144	68	36	1	391
Electricity, Gas, Water, and Sanitary Services	15	10	18	144	55	91	69	49	1	452
Building and Construction	60	62	50	380	162	356	253	157	3	1,483
Transport and Storage	25	17	38	268	112	137	187	95	2	881
Finance and Property	1	-	1	11	2	3	3	3	-	24
Commerce	24	15	19	220	82	137	135	50	3	685
Public Authority (n.e.i.) and Community and Business Services	6	3	7	25	18	24	18	12	1	114
Amusement, Hotels, Accommodation, Cafes, Etc.	3	4	6	45	15	31	19	4	2	129
Other and inadequately described or not stated	1	-	-	2	-	4	-	-	-	7
Total : Number	286	245	240	2,186	982	2,151	1,309	817	23	8,239
Per Cent	3.5	3.0	2.9	26.6	11.8	26.1	15.9	9.9	0.3	100.0

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY, SOUTH AUSTRALIA, 1961-62 (continued)

FEMALES

Industry	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary Production	1	-	-	3	5	2	4	2	-	17
Mining and Quarrying	-	-	-	-	1	-	-	-	-	1
Manufacturing	6	-	6	40	56	127	33	24	-	292
Manufacturing includes -										
Relating to cement, bricks, glass, and stone	-	-	-	1	-	2	1	-	-	4
Foundry, engineering, and metal working	1	-	2	12	18	39	4	12	-	88
Ships, vehicles, parts, and accessories	-	-	-	2	2	-	1	-	-	5
Food, drink, and tobacco	3	-	1	14	16	38	10	6	-	88
Sawmilling and wood products (excl. furniture)	1	-	1	3	2	2	2	1	-	12
Electricity, Gas, Water, and Sanitary Services	-	-	-	-	-	-	1	-	-	1
Building and Construction	-	-	-	1	-	1	1	1	-	1
Transport and Storage	-	-	-	2	1	4	1	1	-	3
Finance and Property	-	-	-	2	2	-	2	1	-	9
Commerce	7	-	5	26	23	31	24	22	-	138
Public Authority (n.e.i.) and Community and Business Services	6	-	10	42	26	26	23	5	-	138
Amusement, Hotels, Accommodation, Cafes, Etc.	4	1	5	26	23	34	22	11	-	126
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	24	1	26	142	137	225	110	67	-	732
Per Cent	3.3	0.1	3.6	19.4	18.7	30.7	15.0	9.2	-	100.0

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1961-62

MALES

Industry	Bruising, Contusion, and Super- ficial	Lacer- ations	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Amputa- tions	Concus- sion	Other (a)	Total
Primary Production	112	209	12	23	108	16	268	2	3	22	775
Mining and Quarrying	25	25	3	8	19	1	37	3	1	1	123
Manufacturing	602	883	67	207	443	30	1,162	56	33	83	3,566
Manufacturing includes -											
Relating to cement, bricks, glass, & stone	52	46	3	12	38	6	99	1	3	8	268
Foundry, engineering, and metal working	206	313	29	109	188	5	373	23	9	23	1,278
Ships, vehicles, parts and accessories	106	133	15	37	70	7	250	7	8	19	652
Food, drink, and tobacco	92	141	5	17	34	5	176	2	4	13	489
Sawmilling and wood products (excl. furniture)	68	122	2	7	58	3	107	12	3	9	391
Electricity, Gas, Water, and Sanitary Services	99	59	5	20	54	7	194	3	4	7	452
Building and Construction	272	307	40	44	224	24	505	6	15	46	1,483
Transport and Storage	190	119	14	16	121	16	369	6	12	18	881
Finance and Property	2	5	-	1	5	1	9	-	-	1	24
Commerce	85	140	12	17	64	17	299	6	8	37	685
Public Authority (n.e.i.), Community and Business Services	16	18	-	6	22	4	41	-	3	4	114
Amusement, Hotels, Accommodation, Cafes, etc.	15	33	1	8	5	2	57	1	-	7	129
Other and inadequately described or not stated	-	3	-	-	-	-	2	-	1	1	7
Total: Number	1,418	1,801	154	350	1,065	118	2,943	83	80	227	8,239
Per Cent	17.2	21.9	1.9	4.2	12.9	1.4	35.7	1.0	1.0	2.8	100.0

(a) Includes internal injuries (30), nerve injuries (29), miscellaneous and unspecified (168). No cases of enucleation of eye were reported.

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1961-62 (continued)

FEMALES

Industry	Bruising, Contusion, and Super- ficial	Lacer- ations	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Amputa- tions	Concus- sion	Other (a)	Total
Primary Production	1	4	-	2	1	-	8	-	1	-	17
Mining and Quarrying	4	-	-	-	-	1	-	-	-	-	1
Manufacturing	60	86	1	12	26	1	86	13	-	7	292
Manufacturing includes -											
Relating to cement, bricks, glass, & stone	1	1	-	-	-	-	-	1	-	1	4
Foundry, engineering, and metal working	21	25	-	1	8	2	28	5	-	2	88
Ships, vehicles, parts and accessories	1	-	-	-	-	-	4	-	-	-	5
Food, drink, and tobacco	16	27	-	8	7	-	24	5	-	1	88
Sawmilling and wood products (excl. furniture)	1	2	1	-	3	-	4	-	-	1	12
Electricity, Gas, Water, and Sanitary Services	-	-	-	-	-	-	-	-	-	1	1
Building and Construction	-	2	-	-	-	-	1	-	-	-	3
Transport and Storage	-	3	-	-	-	-	3	1	-	1	9
Finance and Property	3	-	-	-	-	1	20	-	-	-	7
Commerce	24	41	-	6	12	3	45	-	4	3	138
Public Authority (n.e.i.), Community and Business Services	20	18	-	7	15	2	69	-	5	2	138
Amusement, Hotels, Accommodation, Cafes, etc.	16	33	1	13	18	1	42	-	1	1	126
Other and inadequately described or not stated	-	-	REVISE	-	-	-	-	-	-	-	-
Total: Number	124	187	2	40	74	9	256	14	11	15	732
Per Cent	16.9	25.5	0.3	5.5	10.1	1.2	35.0	1.9	1.5	2.1	100.0

(a) Includes internal injury (1), nerve injuries (3), miscellaneous and unspecified (11). No cases of enucleation of eye were reported.

TABLE 5 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1961-62

Location of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling, Moving or Falling Objects		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Head (except eyes)	27	2.3	52	3.2	24	3.2	5	1.1	48	3.4	34	2.6	69	6.9	11	7.2	16	2.8	286	4.0
Eye	40	2.3	3	4.0	9	1.4	17	1.4	-	-	6	1.7	70	2.5	60	3.5	40	1.7	245	2.5
Neck and spine	4	4.1	10	10.4	5	3.2	1	1.0	71	19.3	9	3.9	119	14.0	3	44.3	18	4.3	240	14.3
Trunk (excl. shoulder and spine)	60	4.6	68	7.5	9	10.9	3	1.4	470	4.3	36	3.5	1,356	4.3	99	5.9	85	3.2	2,186	4.5
Arm (incl. shoulder and wrist)	73	7.0	75	5.1	32	3.9	6	1.6	262	5.7	77	2.4	315	3.9	103	3.3	39	3.4	982	4.5
Hand (excl. wrist; incl. fingers)	532	3.8	66	3.0	83	2.3	10	1.9	80	3.7	95	2.0	878	2.6	360	2.8	47	3.8	2,151	3.0
Leg (incl. hip and ankle)	39	5.1	74	8.2	23	4.1	7	2.1	602	4.6	126	3.1	303	4.0	57	3.0	78	4.3	1,309	4.4
Foot (incl. toes)	34	10.1	33	4.4	51	2.6	4	2.1	96	5.1	66	2.3	474	3.2	45	2.4	14	2.5	817	3.6
Site unspecified	1	8.8	3	1.3	2	3.6	-	-	1	2.2	-	-	1	37.8	-	-	-	-	8	7.5
Miscellaneous	-	-	1	2.0	2	1.3	1	2.0	-	-	-	-	1	1.0	-	-	10	4.4	15	3.4
Total	810	4.3	385	5.5	240	3.1	54	1.6	1,630	5.3	449	2.6	3,586	4.0	738	3.6	347	3.4	8,239	4.2
FEMALES																				
Head (except eyes)	1	1.0	3	3.5	3	1.8	1	1.0	11	13.4	2	3.2	2	1.1	-	-	1	1.0	24	7.3
Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2.0	-	-	1	2.0
Neck and spine	-	-	-	-	-	-	-	-	9	9.2	1	6.0	12	13.5	2	2.1	2	7.5	26	10.4
Trunk (excl. shoulder and spine)	1	7.0	-	-	4	3.2	-	-	44	4.5	3	2.4	76	4.0	3	2.2	11	3.1	142	4.0
Arm (incl. shoulder and wrist)	4	5.1	2	5.1	8	1.7	-	-	66	8.0	12	3.8	31	4.6	5	3.2	9	4.1	137	5.9
Hand (excl. wrist; incl. fingers)	99	4.1	1	1.0	7	1.6	1	1.0	8	5.3	8	1.7	74	2.3	18	1.7	9	3.0	225	3.1
Leg (incl. hip and ankle)	3	3.7	-	-	3	1.9	-	-	69	4.6	17	2.2	9	3.1	2	5.1	7	3.6	110	3.9
Foot (incl. toes)	-	-	3	4.1	9	4.1	-	-	10	3.2	19	2.4	22	3.4	3	1.5	1	2.8	67	3.1
Total	108	4.1	9	3.8	34	2.5	2	1.0	217	6.2	62	2.6	226	3.9	34	2.2	40	3.6	732	4.3

TABLE 6 - NON-FATAL ACCIDENTS : NATURE OF INJURY, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1961-62

Nature of Injury	Machin- ery	Vch- icles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling, Moving or Falling Objects	Hand Tools	Miscell- aneous	Total						
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																
Contusion, bruising, and superficial injury	129	3.0	96	2.4	2	1.0	-	-	315	2.6	161	2.3	573	2.4	101	2.2
Lacerations	360	3.2	67	2.6	3	1.7	-	-	109	2.5	170	2.0	709	2.4	339	2.7
Foreign bodies	26	1.8	4	3.8	3	1.4	1	1.0	-	-	-	-	48	2.3	37	2.0
Burns, and scalds	27	2.7	6	1.7	227	3.2	50	1.7	3	2.7	5	3.9	2	1.2	27	2.7
Fractures	122	8.4	103	9.9	1	8.4	-	-	276	10.0	29	3.3	447	6.4	53	9.4
Dislocations	-	-	9	17.1	-	-	-	-	42	12.7	2	7.5	51	7.6	6	15.2
Sprains, strains, and hernias	69	3.6	64	5.8	1	1.4	-	-	803	4.7	43	4.2	1,661	4.3	150	3.7
Amputations	60	3.4	3	4.5	-	-	-	-	1	3.8	-	-	12	5.4	7	11.8
Concussion	6	2.4	21	3.9	-	-	-	-	18	2.2	13	2.8	16	2.0	-	-
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	2	6.8	3	8.4	-	-	-	-	11	4.2	1	1.2	12	2.7	-	-
Nerve injury	1	2.2	1	8.0	1	11.0	-	-	3	6.7	3	4.4	16	24.8	3	10.9
Other and unspecified	8	3.4	11	3.1	2	1.3	3	1.1	49	7.2	22	5.6	39	11.1	15	6.2
Total	810	4.3	385	5.5	240	3.1	54	1.6	1,630	5.3	449	2.6	3,586	4.0	738	3.6
FEMALES																
Contusion, bruising, and superficial injury	17	1.6	1	1.2	-	-	-	-	47	4.4	24	3.1	24	3.0	4	1.5
Lacerations	59	3.0	3	3.4	1	1.2	-	-	8	2.6	26	2.3	71	2.4	18	1.6
Foreign bodies	1	1.0	-	-	-	-	-	-	-	-	-	-	1	2.0	-	-
Burns and scalds	2	2.4	-	-	32	2.5	2	1.0	4	1.8	1	1.0	-	-	2	1.2
Fractures	8	5.0	2	8.6	-	-	-	-	46	10.8	3	3.0	8	2.7	-	7
Dislocations	-	-	-	-	1	4.4	-	-	5	26.2	1	6.0	2	2.5	-	-
Sprains, strains, and hernias	7	5.4	1	1.2	-	-	-	-	97	3.4	5	1.8	116	4.9	10	3.5
Amputations	12	9.2	-	-	-	-	-	-	-	-	-	-	1	6.2	1	1.6
Concussion	-	-	2	2.2	-	-	-	-	7	19.2	1	3.4	1	1.0	-	-
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	-	-	-	-	1	5.6	-	-
Nerve injury	1	43.4	-	-	-	-	-	-	-	-	-	-	-	-	2	2.9
Other and unspecified	1	3.0	-	-	-	-	-	-	6	6.5	-1	1.0	2	20.5	-	1
Total	108	4.1	9	3.8	34	2.5	2	1.0	217	6.2	62	2.6	226	3.9	34	2.2

TABLE 7 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS,

NUMBER OF ACCIDENTS, SOUTH AUSTRALIA, 1961-62

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
MACHINERY			
Prime movers & pumps			
Engines & prime movers	-	1	-
Pumps (including windmills)	-	4	-
Mechanical power transmission apparatus			
Ropes, belts, pulleys, chains & sprockets	-	39	2
Shafting	-	-	-
Gears	-	2	-
Other	-	-	-
Hoisting and hauling			
Hoists, cranes, winches etc.	-	78	1
(large fixed apparatus)	-	-	-
Other lifting appliances	-	28	1
(small portable apparatus)	-	-	-
Lifts	-	8	1
Conveyors	-	27	1
Fixed industrial machines (while operating)			
Abrasive, polishing etc.	-	66	-
Agitators and mixers	-	13	1
Casting, forging, welding	-	31	-
Crushing, grinding etc.	-	6	-
Drilling, boring, turning (metal working)	-	48	5
" " " (not metal working)	-	9	1
Milling machines (metal working)	-	6	-
Planers & shapers (wood working)	-	43	1
" " " (other)	-	1	2
Packing & wrapping	-	3	3
Opening, picking, combing, carding (textiles)	-	-	-
Presses & punches (metal working)	-	49	9
" (printing)	-	9	2
" (other)	-	18	11
Rolls (printing, metal rolling, glueing etc.)	-	19	3
Saws, circular (wood-working)	-	52	-
" other (wood working)	-	33	-
" (metal working)	-	2	-
" other (stone, plastic etc. cutting)	-	5	1
Screening & separating (not cream)	-	2	-
Sewing and stitching	-	1	9
Shears (metal working)	-	15	-
" (paper cutting)	-	1	1
" other (except food and sheep shears)	-	2	1
Rotary cutters (except food)	-	3	-
Cutters, food	-	9	23
Spinning, weaving, knitting	-	4	4
Centrifuges	-	1	-
Other industrial machines (fixed)	-	97	25
Farm Equipment			
Milking & shearing machines & cream separators	-	26	-
Farm implements (not tractors)	-	19	-
Other farm equipment (fixed) (not woodpresses)	-	5	-
Other machinery	-	25	-
TOTAL, MACHINERY	-	810	108
VEHICLES			
Motor vehicles	5	209	5
Trams (not if stationary)	-	-	-
Railway locomotives, trucks & cars (not platform trolleys)	-	17	1
Mine, quarry and other vehicles on rails	-	23	-
Bicycles	-	11	1
Aircraft	-	-	-
Water transport	-	1	-
Animal drawn vehicles	-	5	-

TABLE 7 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS,

NUMBER OF ACCIDENTS, SOUTH AUSTRALIA, 1961-62 (continued)

ACCIDENT FACTOR	Males			Females
	Fatal	Non-Fatal	Non-Fatal	
VEHICLES (continued)				
Mobile machinery				
Mobile cranes & hoists	1	6		-
Forklift trucks (not front-end loaders)	-	22		1
Tractors	-	39		-
Bulldozers, mech. shovels, graders, rollers etc.	1	32		-
Other mobile machinery	-	16		1
Other vehicles	-	4		-
TOTAL, VEHICLES	7	385		9
ELECTRICITY, EXPLOSIONS, FLAMES, HOT SUBSTANCES				
Electricity (contact with)				
Cables & flexibles, portable machines etc.	1	13		1
Switch and fuse gear	-	3		-
Electric supply wiring	1	5		-
Other electricity	-	3		-
Explosions				
Blasting (mines & quarries)	-	-		-
Boilers & pressure vessels	-	2		-
Gas (household & industrial)	-	3		2
Other explosions (including weapons)	-	20		1
Flames, hot substances and objects	1	191		30
TOTAL, ELECTRICITY ETC.	3	240		34
HARMFUL SUBSTANCES				
Solids (including powders)	-	11		-
Gas and aerosols	-	1		-
Liquids	-	42		2
TOTAL, HARMFUL SUBSTANCES	-	54		2
FALLING, STUMBLING, SLIPPING, ETC.				
On or from				
Ladders	1	137		8
Poles	-	2		-
Roofs	-	27		-
Scaffolding	1	57		-
Stairs or steps	-	81		34
Top or Tray of vehicles	-	82		-
From other elevation	-	143		15
Into excavations	3	45		2
Up or down (jumping or stepping)	-	150		5
On same level	-	906		153
TOTAL, FALLING, STUMBLING, SLIPPING, ETC.	5	1,630		217
STEPPING ON, STRIKING AGAINST FIXED OR STATIONARY OBJECTS				
Stepping on sharp objects	-	37		7
Striking against	-	412		55
TOTAL, STEPPING ON, STRIKING AGAINST	-	449		62
HANDLING OR MOVING OR FALLING OBJECTS				
Strain in handling	-	1,569		114
Struck by or caught between object and other object				
Trees, limbs, logs	-	66		-
Poles (timber)	-	8		-
Other timber (e.g. sleepers etc.)	-	221		4
Drums & barrels	-	62		-
Boxes, crates, cartons	-	54		2
Bricks and Tiles	-	21		-
Earth, rock, sand	2	48		-
Hand trucks, barrows etc.	-	36		4
Other objects	1	1,044		41

TABLE 7 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS,
NUMBER OF ACCIDENTS. SOUTH AUSTRALIA, 1961-62 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
HANDLING OR MOVING OR FALLING OBJECTS (continued)			
Sharp objects - wounds through handling			
Metal (other than hand tool etc.)	-	187	30
Glass (handling - not knocking against)	-	53	18
Other sharp objects	-	120	12
Other accidents involving handling or moving or falling objects	-	97	1
TOTAL, HANDLING OR MOVING OR FALLING OBJECTS	3	3,586	226
HAND TOOLS			
Hand operated			
Axes, hatchets, machettes	-	61	-
Blow torches (not oxytorch)	-	1	1
Can openers	-	-	1
Cleavers, choppers	-	1	-
Chisels	-	11	-
Crowbars, pinchbars	-	46	-
Files	-	2	-
Hammers, mallets	-	122	1
Hooks (bale & other)	-	31	-
Knives	-	78	14
Needles	-	1	-
Pens & pencils	-	-	1
Picks, pickaxes, hoes	-	22	1
Pliers, pincers, tongs	-	2	-
Saws (including hacksaws)	-	32	-
Scissors & shears	-	7	2
Screwdrivers	-	8	-
Shovels & spades	-	51	-
Spanners, wrenches	-	61	-
Other hand-operated hand tools	-	37	6
Power Operated - Electric, pneumatic, hydraulic			
Abrasive, sanding, polishing etc.	-	30	5
Chisels	-	-	-
Drills, jack-hammers etc.	1	60	-
Knives	-	2	-
Riveters	-	2	-
Saws	-	24	-
Screwdrivers	-	-	-
Soldering irons	-	1	-
Explosive-powered fasteners (Ramset guns etc.)	-	5	-
Other (inc. oxytorches, sprayers, portable welding plant)	-	40	3
TOTAL, HAND TOOLS	1	738	34
MISCELLANEOUS			
Animals & insects	-	122	2
Physical causes (not only natural physical)			
Cold (freezing chamber, weather etc.)	-	2	-
Compressed air	-	-	-
Exposure to weather (rain, wind etc. - not heat or cold)	-	1	-
Heat (furnaces, weather etc. - not contact with hot objects)	-	2	1
Immersion	1	-	-
Radiation (not burns from)	-	-	-
Vibration (e.g. from Pneumatic drill)	-	2	-
Other physical (earthquake, tidal wave etc.)	-	-	-
Pressure vessels, pipes etc. bursting	-	5	-
Other			
Doors & windows	-	36	11
Flying particles (windborne - not from machines etc.)	-	37	-
Other including hunger, thirst, motion sickness, hit by person, sudden twists (not foot), kneeling, gunshot, etc.	-	140	26
TOTAL, MISCELLANEOUS	1	347	40
TOTAL, ALL FACTORS	20	8,239	732

TABLE 8 - NON-FATAL ACCIDENTS : NUMBER, TIME LOST, SOUTH AUSTRALIA, 1961-62

TIME LOST	MALES		FEMALES		PERSONS	
	NO.	TIME LOST	NO.	TIME LOST	NO.	TIME LOST
1 week, but less than 2 weeks	3,716	Weeks 4,865	297	Weeks 391	4,013	Weeks 5,256
2 weeks, but less than 4 weeks	2,467	6,347	227	582	2,694	6,929
4 weeks, but less than 6 weeks	788	3,707	87	404	875	4,111
6 weeks, but less than 8 weeks	453	3,030	43	287	496	3,317
8 weeks, but less than 13 weeks	453	4,441	43	427	496	4,867
13 weeks, but less than 26 weeks	222	3,836	20	357	242	4,194
26 weeks, but less than 52 weeks	84	3,093	11	421	95	3,514
52 weeks, but less than 104 weeks	43	2,976	3	191	46	3,167
104 weeks, but less than 156 weeks	7	891	1	123	8	1,014
156 weeks and more	6	1,414	-	-	6	1,414
TOTAL	8,239	34,599	732	3,183	8,971	37,782

D.L.J. AITCHISON
DEPUTY COMMONWEALTH STATISTICIAN

